



DRIVE DESIGN
AND TECHNICAL MANUAL

**BANDED MOULDED COGGED
RAW EDGE CLASSICAL V-BELTS**

**DRIVE BELT
TECHNOLOGY .**

SECTION 1.2.3 | BANDED V-BELTS | RUBBER BELTS

DIN 2215 - ISO 4184 / IP20 RMA-ANSI

BANDED MOULDED COGGED RAW EDGE CLASSICAL V-BELTS

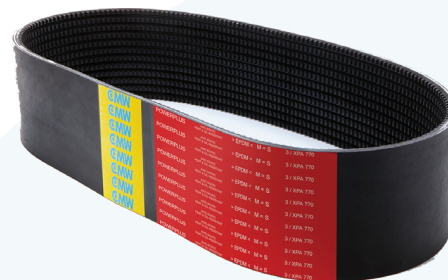
ZX, AX, BX AND XPZ, XPA, XPB, XPC AND 3VX, 5VX OR AVX10, AVX11, AVX13, AVX 15/17

FEATURES

The new CMW Power Transmission POWERPLUS cogged raw edge delivers more power, more longevity service life time and temperature resistance.

This Cogged Raw Edge V-Belt is based on EPDM rubber (ethylene propylene diene monomer) which improves the product properties with +40% more power transmission, more stable in dynamic and it also offers operating temperature up to +130°C and down to -40°C.

The polyester cord has been specially bonded to EPDM and the back cotton fabric allows deliver power with virtually no maintenance if properly belt is properly tensioned. It is an extraordinary flexible raw edge belt, which allows running at high speed and on very low diameter of pulleys.



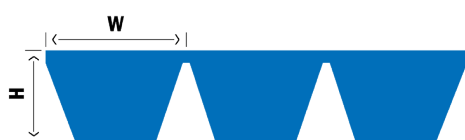
Available in XPZ, XPA, XPB, XPC as well as ZX, AX, BX, CX and 3VX, 5VX up to 5600mm. From 2 ribs to 16 bis.

ISO 1813 anti static and match free M=S.

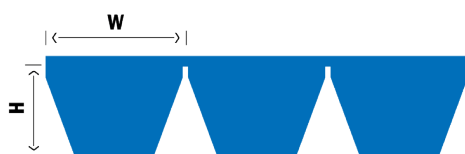
Dimensions



ISO 4184	XPZ	XPA	XPB	XPC
Section WxH (mm)	9,7x8	12,7x10	16,3x13	22x18
Belt Weight per rib per meter (Kg/m)	0,21	0,30	0,48	0,54
Min. Pulleys diameter (mm)	50	60	100	160
Max flexing frequency (s-1)	120	120	120	120
Max belt speed (m/s)	50	50	50	50
Min. Length (mm)	950	950	950	950
Max. Length (mm)	4200	4200	4200	4200
Length Conversion (mm)	La-li+50	La-li+63	La-li+82	La-li+113
Max. Rib per belt	14	11	6	3



ISO 4184	AX/HAX	BX/HBX	CX/HCX
Section WxH (mm)	13x10	16x13	22x17
Belt Weight per rib per meter (Kg/m)	0,148	0,215	0,434
Min. pulley diameter (mm)	80	130	210
Max flexing frequency (s-1)	70	70	70
Max belt speed (m/s)	30	30	30
Min. Length (mm)	950	950	950
Max. Length (mm)	4200	4200	4200
Length Conversion (mm)	Li-Lw-30	Li-Lw-40	Li-Lw-58
Max. Ribs per belt	11	6	6



RMA/MPTA	3VX/9JX	5VX/15JX
Section WxH (mm)	9.7x9.7	15.7x15.7
Pitch distance (mm)	10,3	17,5
Belt Weight per rib per meter (Kg/m)	0,1	0,253
Min. pulley diameter (mm)	67	180
Max flexing frequency (s-1)	/	/
Max belt speed (m/s)	40	40
Min. Length (mm)	950	950
Max. Length (mm)	4200	4200
Length Conversion (mm)	La-Li+63	La-Li+100
Max. Ribs per belt	16	9

Lw : pitch Length Li: Inside Length

1.2.3 BANDED MOULDED COGGED RAW EDGE CLASSICAL V-BELTS

Applications



Appliances/
Machinery



Mining &
Quarrying



Pulp &
Paper



Textile



Wood



Brick &
Cement

Marking

ISO

	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	3 / XPA 770	batch code/worker code
	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	3 / XPA 770	batch code/worker code
	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	3 / XPA 770	batch code/worker code

RMA

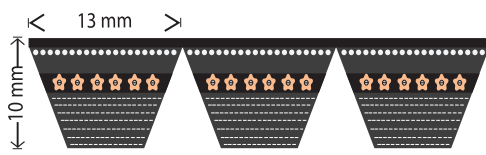
	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	6 / BX 67 17X 1700 Li BX 1750 Ld	batch code/worker code
	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	6 / BX 67 17X 1700 Li BX 1750 Ld	batch code/worker code
	POWERPLUS	ANTI-STATIC HEAT & OIL RESISTANT	> EPDM <	M = S	6 / BX 67 17X 1700 Li BX 1750 Ld	batch code/worker code

Product Codification

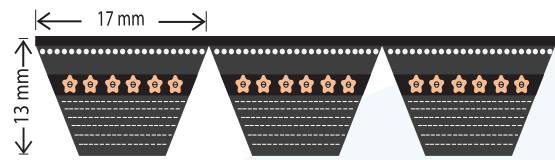
Example

PP-4/XPB4500-EPDM-AS means	PP	4/	XPB	4500	EPDM	AS
	High Performance line	Number of ribs	Section XPB / 16,3x13mm	4500mm in Lw	low temperature : -30°C high temperature: +140°C	ISO 1813 anti static
PP-6/CX158-EPDM-AS means	PP	6/	CX	158	EPDM	AS
	High Performance line	Number of ribs	Section CX / 22x16mm	158 inches in Li	low temperature : -30°C high temperature: +140°C	ISO 1813 anti static

1.2.3 BANDED MOULDED COGGED RAW EDGE CLASSICAL V-BELTS



AX/X13



BX/X17

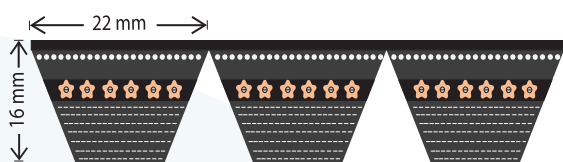
Standard Belt Range

ISO code	CMW Product code	GTIN (EAN) code	Datum Length Ld (mm)
AX33	PP-11/AX33-EPDM-AS	3666445083410	871
AX34	PP-11/AX34-EPDM-AS	3666445083403	880
AX35	PP-11/AX35-EPDM-AS	3666445083397	919
AX36	PP-11/AX36-EPDM-AS	3666445083380	944
AX37	PP-11/AX37-EPDM-AS	3666445083373	955
AX38	PP-11/AX38-EPDM-AS	3666445083366	995
AX39	PP-11/AX39-EPDM-AS	3666445083359	1030
AX40	PP-11/AX40-EPDM-AS	3666445083342	1046
AX42	PP-11/AX42-EPDM-AS	3666445083335	1090
AX43	PP-11/AX43-EPDM-AS	3666445083328	1130
AX44	PP-11/AX44-EPDM-AS	3666445083311	1150
AX46	PP-11/AX46-EPDM-AS	3666445083304	1198
AX47	PP-11/AX47-EPDM-AS	3666445083298	1230
AX48	PP-11/AX48-EPDM-AS	3666445083281	1250
AX49	PP-11/AX49-EPDM-AS	3666445083274	1280
AX50	PP-11/AX50-EPDM-AS	3666445083267	1300
AX51	PP-11/AX51-EPDM-AS	3666445083250	1330
AX52	PP-11/AX52-EPDM-AS	3666445083243	1350
AX53	PP-11/AX53-EPDM-AS	3666445083236	1380
AX54	PP-11/AX54-EPDM-AS	3666445083229	1405
AX55	PP-11/AX55-EPDM-AS	3666445083212	1430
AX56	PP-11/AX56-EPDM-AS	3666445083205	1452
AX57	PP-11/AX57-EPDM-AS	3666445083199	1480
AX58	PP-11/AX58-EPDM-AS	3666445083182	1505
AX59	PP-11/AX59-EPDM-AS	3666445083175	1530
AX62	PP-11/AX62-EPDM-AS	3666445083168	1605
AX63	PP-11/AX63-EPDM-AS	3666445083151	1630
AX67	PP-11/AX67-EPDM-AS	3666445083144	1730
AX70	PP-11/AX70-EPDM-AS	3666445083137	1805
AX71	PP-11/AX71-EPDM-AS	3666445083120	1830
AX75	PP-11/AX75-EPDM-AS	3666445083113	1930
AX79	PP-11/AX79-EPDM-AS	3666445083106	2030
AX88	PP-11/AX88-EPDM-AS	3666445083090	2270
AX93	PP-11/AX93-EPDM-AS	3666445083083	2390
AX98	PP-11/AX98-EPDM-AS	3666445083076	2530
AX104	PP-11/AX104-EPDM-AS	3666445083069	2680
AX110	PP-11/AX110-EPDM-AS	3666445083052	2830
AX118	PP-11/AX118-EPDM-AS	3666445083045	3030
AX124	PP-11/AX124-EPDM-AS	3666445083038	3180
AX132	PP-11/AX132-EPDM-AS	3666445083021	3380

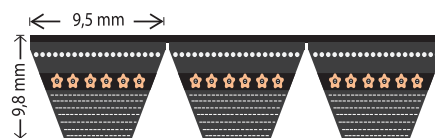
Standard Belt Range

ISO code	CMW Product code	GTIN (EAN) code	Datum Length Ld (mm)
BX34	PP-6/BX34-EPDM-AS	3666445083014	876
BX35	PP-6/BX35-EPDM-AS	3666445083007	890
BX36	PP-6/BX36-EPDM-AS	3666445082994	929
BX37	PP-6/BX37-EPDM-AS	3666445082987	940
BX38	PP-6/BX38-EPDM-AS	3666445082970	965
BX39	PP-6/BX39-EPDM-AS	3666445082963	1005
BX40	PP-6/BX40-EPDM-AS	3666445082956	1040
BX41	PP-6/BX41-EPDM-AS	3666445082949	1056
BX42	PP-6/BX42-EPDM-AS	3666445082932	1080
BX43	PP-6/BX43-EPDM-AS	3666445082925	1100
BX44	PP-6/BX44-EPDM-AS	3666445082918	1130
BX45	PP-6/BX45-EPDM-AS	3666445082901	1160
BX46	PP-6/BX46-EPDM-AS	3666445082895	1190
BX47	PP-6/BX47-EPDM-AS	3666445082888	1215
BX48	PP-6/BX48-EPDM-AS	3666445082871	1240
BX49	PP-6/BX49-EPDM-AS	3666445082864	1255
BX50	PP-6/BX50-EPDM-AS	3666445082857	1290
BX51	PP-6/BX51-EPDM-AS	3666445082840	1315
BX52	PP-6/BX52-EPDM-AS	3666445082833	1340
BX53	PP-6/BX53-EPDM-AS	3666445082826	1360
BX54	PP-6/BX54-EPDM-AS	3666445082819	1390
BX55	PP-6/BX55-EPDM-AS	3666445082802	1412
BX57	PP-6/BX57-EPDM-AS	3666445082796	1440
BX58	PP-6/BX58-EPDM-AS	3666445082789	1490
BX59	PP-6/BX59-EPDM-AS	3666445082772	1513
BX61	PP-6/BX61-EPDM-AS	3666445082765	1540
BX62	PP-6/BX62-EPDM-AS	3666445082758	1590
BX63	PP-6/BX63-EPDM-AS	3666445082741	1615
BX67	PP-6/BX67-EPDM-AS	3666445082734	1640
BX69	PP-6/BX69-EPDM-AS	3666445082727	1740
BX71	PP-6/BX71-EPDM-AS	3666445082710	1790
BX73	PP-6/BX73-EPDM-AS	3666445082703	1840
BX75	PP-6/BX75-EPDM-AS	3666445082697	1890
BX79	PP-6/BX79-EPDM-AS	3666445082680	1940
BX80	PP-6/BX80-EPDM-AS	3666445082673	2040
BX88	PP-6/BX88-EPDM-AS	3666445082666	2280
BX93	PP-6/BX93-EPDM-AS	3666445082659	2400
BX98	PP-6/BX98-EPDM-AS	3666445082642	2540
BX103	PP-6/BX103-EPDM-AS	3666445082635	2656
BX104	PP-6/BX104-EPDM-AS	3666445082628	2690
BX110	PP-6/BX110-EPDM-AS	3666445082611	2840
BX118	PP-6/BX118-EPDM-AS	3666445082604	3040
BX124	PP-6/BX124-EPDM-AS	3666445082598	3190
BX132	PP-6/BX132-EPDM-AS	3666445082581	3390
BX136	PP-6/BX136-EPDM-AS	3666445082574	3510
BX144	PP-6/BX144-EPDM-AS	3666445082567	3715
BX148	PP-6/BX148-EPDM-AS	3666445082550	3820
BX158	PP-6/BX158-EPDM-AS	3666445082543	4075

1.2.3 BANDED MOULDED COGGED RAW EDGE CLASSICAL V-BELTS



CX/C22



3VX/9JX

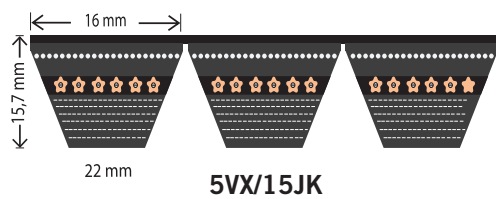
Standard Belt Range

ISO code	CMW Product code	GTIN (EAN) code	Datum Length Ld (mm)
CX39	PP-6/CX39-EPDM-AS	3666445082536	1058
CX43	PP-6/CX43-EPDM-AS	3666445082529	1148
CX49	PP-6/CX49-EPDM-AS	3666445082512	1308
CX52	PP-6/CX52-EPDM-AS	3666445082505	1378
CX55	PP-6/CX55-EPDM-AS	3666445082499	1458
CX59	PP-6/CX59-EPDM-AS	3666445082482	1558
CX62	PP-6/CX62-EPDM-AS	3666445082475	1632
CX67	PP-6/CX67-EPDM-AS	3666445082468	1758
CX68	PP-6/CX68-EPDM-AS	3666445082451	1785
CX71	PP-6/CX71-EPDM-AS	3666445082444	1858
CX75	PP-6/CX75-EPDM-AS	3666445082437	1958
CX79	PP-6/CX79-EPDM-AS	3666445082420	2058
CX81	PP-6/CX81-EPDM-AS	3666445082413	2118
CX85	PP-6/CX85-EPDM-AS	3666445082406	2217
CX88	PP-6/CX88-EPDM-AS	3666445082390	2298
CX90	PP-6/CX90-EPDM-AS	3666445082383	2344
CX93	PP-6/CX93-EPDM-AS	3666445082376	2418
CX96	PP-6/CX96-EPDM-AS	3666445082369	2496
CX98	PP-6/CX98-EPDM-AS	3666445082352	2558
CX110	PP-6/CX110-EPDM-AS	3666445082345	2858
CX118	PP-6/CX118-EPDM-AS	3666445082338	3058
CX124	PP-6/CX124-EPDM-AS	3666445082321	3208
CX132	PP-6/CX132-EPDM-AS	3666445082314	3408
CX136	PP-6/CX136-EPDM-AS	3666445082307	3508
CX144	PP-6/CX144-EPDM-AS	3666445082291	3716
CX158	PP-6/CX158-EPDM-AS	3666445082284	4076
CX173	PP-6/CX173-EPDM-AS	3666445082277	4463
CX180	PP-6/CX180-EPDM-AS	3666445082260	4645

Standard Belt Range

ISO code	CMW Product code	GTIN (EAN) code	Outside Length La (mm)	Datum Length Ld (mm)
3VX335	PP-16/3VX335	3666445082253	850	787
3VX355	PP-16/3VX355	3666445082246	900	837
3VX375	PP-16/3VX375	3666445082239	955	892
3VX400	PP-16/3VX400	3666445082222	1015	952
3VX425	PP-16/3VX425	3666445082215	1080	1017
3VX450	PP-16/3VX450	3666445082208	1145	1082
3VX475	PP-16/3VX475	3666445082192	1205	1142
3VX500	PP-16/3VX500	3666445082185	1270	1207
3VX530	PP-16/3VX530	3666445082178	1345	1282
3VX560	PP-16/3VX560	3666445082161	1420	1357
3VX600	PP-16/3VX600	3666445082154	1525	1462
3VX630	PP-16/3VX630	3666445082147	1600	1537
3VX670	PP-16/3VX670	3666445082130	1700	1637
3VX710	PP-16/3VX710	3666445082123	1805	1742
3VX750	PP-16/3VX750	3666445082116	1905	1842
3VX800	PP-16/3VX800	3666445082109	2030	1967
3VX850	PP-16/3VX850	3666445082093	2160	2097
3VX900	PP-16/3VX900	3666445082086	2285	2222
3VX950	PP-16/3VX950	3666445082079	2415	2352
3VX1000	PP-16/3VX1000	3666445082062	2540	2477
3VX1060	PP-16/3VX1060	3666445082055	2690	2627
3VX1120	PP-16/3VX1120	3666445082048	2845	2782
3VX1180	PP-16/3VX1180	3666445082031	2995	2932

1.2.3 BANDED MOULDED COGGED RAW EDGE CLASSICAL V-BELTS



Standard Belt Range

ISO code	CMW Product code	GTIN (EAN) code	Outside Length La (mm)	Datum Length Ld (mm)
5VX500	PP-9/5VX500	3666445082024	1270	1172
5VX530	PP-9/5VX530	3666445082017	1345	1247
5VX560	PP-9/5VX560	3666445082000	1420	1322
5VX600	PP-9/5VX600	3666445081997	1525	1427
5VX630	PP-9/5VX630	3666445081980	1600	1502
5VX670	PP-9/5VX670	3666445081973	1700	1602
5VX710	PP-9/5VX710	3666445081966	1805	1707
5VX750	PP-9/5VX750	3666445081959	1905	1807
5VX800	PP-9/5VX800	3666445081942	2030	1932
5VX850	PP-9/5VX850	3666445081935	2160	2062
5VX900	PP-9/5VX900	3666445081928	2285	2187
5VX950	PP-9/5VX950	3666445081911	2415	2317
5VX1000	PP-9/5VX1000	3666445081904	2540	2442
5VX1060	PP-9/5VX1060	3666445081898	2690	2592
5VX1120	PP-9/5VX1120	3666445081881	2845	2747
5VX1180	PP-9/5VX1180	3666445081874	2995	2897

POWER RATING

1.1.7 HIGH PERFORMANCE POWERPLUS EPDM MOULDED COGGED RAW EDGE NARROW V-BELTS

Section PP-XPZ

Faster shaft speed r/min	Rated power per belt for small pulley datum diameter [mm]															Additional power per belt for speed ratio			
	56	60	63	71	80	85	90	95	100	112	125	140	160	180	200	1.01-1.05	1.06-1.26	1.27-1.57	>1.57
	kW															kW			
100	0.18	0.20	0.23	0.27	0.33	0.36	0.42	0.44	0.51	0.55	0.58	0.67	0.78	0.89	1.01	0.00	0.01	0.01	0.01
200	0.33	0.38	0.40	0.49	0.59	0.65	0.77	0.82	0.95	1.01	1.08	1.25	1.46	1.66	1.88	0.00	0.02	0.02	0.03
300	0.45	0.53	0.58	0.70	0.84	0.93	1.09	1.18	1.37	1.45	1.56	1.79	2.09	2.39	2.70	0.00	0.02	0.03	0.04
400	0.58	0.67	0.74	0.89	1.08	1.20	1.40	1.50	1.75	1.87	2.02	2.31	2.71	3.10	3.48	0.00	0.03	0.05	0.06
500	0.69	0.81	0.88	1.08	1.32	1.45	1.70	1.83	2.13	2.28	2.45	2.81	3.30	3.77	4.24	0.01	0.04	0.06	0.07
600	0.81	0.93	1.02	1.27	1.53	1.69	2.00	2.14	2.50	2.67	2.88	3.30	3.86	4.42	4.98	0.01	0.05	0.07	0.08
700	0.90	1.06	1.16	1.44	1.75	1.93	2.27	2.45	2.85	3.05	3.29	3.78	4.42	5.06	5.71	0.01	0.06	0.08	0.11
800	1.01	1.18	1.30	1.62	1.96	2.16	2.54	2.75	3.20	3.42	3.70	4.24	4.98	5.69	6.41	0.01	0.06	0.09	0.12
900	1.11	1.28	1.43	1.77	2.16	2.39	2.82	3.03	3.54	3.79	4.08	4.70	5.50	6.31	7.10	0.01	0.07	0.11	0.14
1000	1.21	1.40	1.55	1.94	2.37	2.60	3.09	3.32	3.89	4.15	4.47	5.16	6.04	6.91	7.77	0.01	0.08	0.12	0.15
1100	1.30	1.51	1.68	2.09	2.57	2.82	3.34	3.60	4.21	4.49	4.90	5.59	6.55	7.50	8.43	0.01	0.09	0.13	0.16
1200	1.39	1.62	1.79	2.26	2.76	3.03	3.60	3.86	4.53	4.85	5.23	6.03	7.06	8.07	9.08	0.01	0.11	0.15	0.18
1300	1.47	1.72	1.91	2.40	2.95	3.26	3.84	4.15	4.84	5.19	5.60	6.44	7.56	8.64	9.71	0.02	0.11	0.16	0.19
1400	1.56	1.83	2.03	2.56	3.14	3.45	4.10	4.41	5.16	5.53	5.96	6.87	8.04	9.20	10.33	0.02	0.12	0.17	0.20
1500	1.64	1.93	2.14	2.70	3.32	3.66	4.34	4.67	5.47	5.86	6.31	7.27	8.53	9.75	10.95	0.02	0.13	0.18	0.22
1600	1.72	2.03	2.25	2.84	3.51	3.85	4.58	4.92	5.78	6.18	6.67	7.68	9.00	10.28	11.54	0.02	0.14	0.19	0.23
1700	1.81	2.12	2.35	2.98	3.68	4.05	4.81	5.18	6.07	6.50	7.00	8.07	9.46	10.82	12.12	0.02	0.15	0.20	0.25
1800	1.88	2.22	2.46	3.13	3.85	4.24	5.04	5.43	6.36	6.81	7.35	8.46	9.91	11.33	12.68	0.02	0.15	0.21	0.26
1900	1.95	2.31	2.57	3.27	4.02	4.45	5.27	5.68	6.66	7.13	7.69	8.84	10.35	11.83	13.25	0.02	0.16	0.23	0.27
2000	2.03	2.394	2.67	3.39	4.20	4.62	5.49	5.73	6.94	7.43	8.01	9.22	10.79	12.33	13.80	0.02	0.17	0.24	0.29
2100	2.10	2.48	2.77	3.53	4.36	4.81	5.72	6.16	7.22	7.74	8.34	9.60	11.22	12.80	14.32	0.03	0.18	0.25	0.30
2200	2.16	2.57	2.88	3.65	4.53	5.00	5.93	6.41	7.50	8.04	8.65	9.96	11.66	13.28	14.85	0.03	0.19	0.26	0.33
2300	2.25	2.66	2.97	3.78	4.68	5.18	6.15	6.63	7.77	8.33	8.97	10.32	12.08	13.74	15.35	0.03	0.19	0.27	0.34
2400	2.31	2.75	3.07	3.91	4.84	5.36	6.36	6.87	8.04	8.62	9.28	10.67	12.47	14.19	15.83	0.03	0.20	0.28	0.35
2500	2.38	2.82	3.16	4.03	5.00	5.53	6.57	7.10	8.31	8.89	9.59	11.03	12.87	14.63	16.31	0.03	0.21	0.29	0.37
2600	2.45	2.91	3.26	4.16	5.16	5.71	6.78	7.31	8.57	9.19	9.89	11.36	13.25	15.06	16.77	0.03	0.22	0.32	0.38
2700	2.51	2.98	3.34	4.27	5.30	5.87	6.98	7.54	8.82	9.45	10.19	11.71	13.65	15.49	17.18	0.03	0.23	0.33	0.40
2800	2.57	3.07	3.42	4.40	5.46	6.05	7.18	7.75	9.07	9.72	10.47	12.03	14.01	15.89	17.65	0.03	0.23	0.34	0.41
2900	2.64	3.14	3.52	4.52	5.61	6.22	7.38	7.96	9.32	10.00	10.76	12.35	14.37	16.28	18.07	0.04	0.24	0.35	0.42
3000	2.70	3.21	3.60	4.62	5.75	6.37	7.58	8.18	9.58	10.26	11.04	12.66	14.73	16.65	18.46	0.04	0.25	0.36	0.44
3100	2.76	3.29	3.70	4.74	5.90	6.53	7.77	8.38	9.82	10.51	11.32	12.97	15.07	17.03	18.85	0.04	0.26	0.37	0.45
3200	2.81	3.36	3.78	4.85	6.05	6.69	7.96	8.58	10.04	10.76	11.58	13.27	15.41	17.39	19.22	0.04	0.27	0.38	0.47
3300	2.88	3.44	3.85	4.97	6.18	6.85	8.15	8.78	10.28	11.01	11.84	13.57	15.74	17.75	19.57	0.04	0.27	0.39	0.48
3400	2.92	3.52	3.95	5.08	6.32	7.00	8.33	8.99	10.51	11.26	12.10	13.86	16.05	18.07	19.90	0.04	0.28	0.41	0.49
3500	2.98	3.58	4.02	5.18	6.47	7.20	8.52	9.18	10.73	11.49	12.36	14.13	16.36	18.39	20.21	0.04	0.29	0.42	0.51
3600	3.03	3.65	4.10	5.29	6.59	7.31	8.69	9.38	10.96	11.73	12.60	14.42	16.65	18.69	20.52	0.04	0.30	0.43	0.53
3700	3.09	3.72	4.18	5.40	6.73	7.44	8.87	9.57	11.17	11.96	12.85	14.68	16.94	18.98	20.79	0.05	0.32	0.44	0.55
3800	3.15	3.78	4.26	5.49	6.86	7.60	9.03	9.74	11.39	12.18	13.08	14.93	17.21	19.27	21.02	0.05	0.32	0.45	0.56
3900	3.20	3.84	4.34	5.60	6.98	7.74	9.21	9.93	11.59	12.40	13.31	15.18	17.47	19.53	21.29	0.05	0.33	0.46	0.57
4000	3.26	3.91	4.40	5.69	7.11	7.88	9.38	10.10	11.79	12.62	13.55	15.44	17.75	19.77	21.53	0.05	0.34	0.47	0.59
4100	3.29	3.97	4.47	5.80	7.23	8.01	9.53	10.28	11.99	12.83	13.76	15.68	17.98	20.01	21.72	0.05	0.35	0.49	0.60
4200	3.34	4.03	4.55	5.88	7.36	8.15	9.70	10.45	12.18	13.03	13.98	15.90	18.22	20.22	21.91	0.05	0.36	0.50	0.61
4300	3.39	4.10	4.61	5.99	7.48	8.27	9.85	10.63	12.39	13.23	14.19	16.12	18.44	20.43	22.07	0.05	0.36	0.51	0.63
4400	3.44	4.16	4.68	6.07	7.60	8.42	10.01	10.78	12.56	13.42	14.39	16.33	18.65	20.62	22.22	0.05	0.37	0.53	0.64
4500	3.48	4.21	4.75	6.16	7.71	8.55	10.15	10.94	12.75	13.61	14.60	16.55	18.85	20.79	22.34	0.06	0.38	0.54	0.66
4600	3.53	4.27	4.81	6.26	7.82	8.67	10.31	11.10	12.93	13.80	14.78	16.74	19.04	20.96	22.44	0.06	0.39	0.55	0.67
4700	3.57	4.33	4.87	6.34	7.94	8.80	10.46	11.26	13.10	13.98	14.95	16.93	19.22	21.09	22.51	0.06	0.40	0.56	0.68
4800	3.60	4.37	4.96	6.43	8.04	8.90	10.59	11.40	13.27	14.15	15.14	17.12	19.38	21.22	22.58	0.06	0.40	0.57	0.70
4900	3.65	4.43	5.00	6.51	8.15	9.03	10.73	11.55	13.43	14.31	15.31	17.27	19.53	21.32	22.61	0.06	0.41	0.59	0.71
5000	3.70	4.48	5.06	6.60	8.25	9.15	10.88	11.70	13.59	14.48	15.48	17.44	19.67	21.42	22.62	0.06	0.42	0.60	0.74
5100	3.73	4.54	5.12	6.68	8.36	9.26	11.00	11.83	13.73	14.64	15.63	17.60	19.80	21.48	22.61	0.06	0.43	0.61	0.75
5200	3.77	4.59	5.19	6.75	8.45	9.38	11.13	11.97	13.88	14.79	15.80	17.75	19.92	21.55	22.56	0.06	0.44	0.62	0.76
5300	3.80	4.64	5.24	6.85	8.56	9.49	11.26	12.11	14.04	14.93	15.94	17.88	20.02	21.59		0.07	0.44	0.63	0.78
5400	3.84	4.67	5.30	6.92	8.65	9.59	11.38	12.23	14.18	15.07	16.08	18.02	20.11	21.60		0.07	0.45	0.64	0.79
5500	3.86	4.73	5.36	6.99	8.75	9.69	11.49	12.36	14.30	15.20	16.21	18.13	20.18	21.60		0.07	0.46	0.65	0.81
5600	3.91	4.78	5.41	7.06	8.84	9.79	11.61	12.47	14.43	15.33	16.34	18.25	20.24	21.59		0.07	0.47	0.67	0.82
5800	3.97	4.86	5.50	7.20	9.02	10.00	11.83	12.72	14.67	15.57	16.57	18.44	20.34	21.49		0.07	0.48	0.69	0.85
6000	4.03	4.94	5.61	7.33	9.19	10.16	12.04	12.93	14.89	15.79	16.77	18.59	20.36			0.07	0.50	0.71	0.88
6200	4.08	5.02	5.69	7.46	9.35	10.34	12.23	13.13	15.10	15.99	16.95	18.70	20.33			0.08	0.53	0.74	0.90
6400	4.15	5.09	5.79	7.58	9.50	10.51	12.41	13.30	15.27	16.15	17.08	18.77	20.23			0.08	0.54	0.77	0.93
6600	4.20	5.16	5.87	7.70	9.64	10.66	12.58	13.47	15.42	16.30	17.20	18.80				0.08	0.56	0.79	0.97
6800	4.23	5.22	5.94	7.81	9.78	10.79	12.73	13.62	15.55	16.39	17.28	18.78				0.08	0.57	0.81	1.00
7000	4.27	5.28	6.01	7.90	9.89	10.94	12.86	13.74	15.										

POWER RATING

1.1.7 HIGH PERFORMANCE POWERPLUS EPDM MOULDED COGGED RAW EDGE NARROW V-BELTS

Section PP-XPA

Faster shaft speed r/min	Rated power per belt for small pulley datum diameter [mm]															Additional power per belt for speed ratio			
	71	80	85	95	100	112	118	125	140	160	180	200	224	250	280	1.01-1.05	1.06-1.26	1.27-1.57	>1.57
	kW															kW			
100	0.27	0.36	0.40	0.50	0.55	0.65	0.71	0.78	0.92	1.09	1.28	1.46	1.68	1.91	2.18	0.00	0.02	0.03	0.03
200	0.49	0.65	0.76	0.93	1.02	1.24	1.34	1.47	1.74	2.09	2.45	2.78	3.20	3.64	4.16	0.01	0.04	0.05	0.07
300	0.69	0.95	1.07	1.33	1.47	1.79	1.94	2.13	2.52	3.03	3.54	4.05	4.66	5.30	6.06	0.01	0.06	0.08	0.11
400	0.88	1.21	1.39	1.72	1.90	2.32	2.52	2.76	3.28	3.95	4.62	5.28	6.07	6.93	7.90	0.01	0.08	0.12	0.14
500	1.07	1.46	1.68	2.10	2.32	2.84	3.09	3.38	4.01	4.84	5.67	6.49	7.46	8.51	9.70	0.01	0.09	0.14	0.17
600	1.25	1.71	1.96	2.47	2.72	3.34	3.63	3.98	4.73	5.72	6.69	7.67	8.81	10.04	11.46	0.02	0.12	0.17	0.21
700	0.36	1.95	2.25	2.84	3.13	3.83	4.17	4.58	5.44	6.57	7.70	8.82	10.14	11.57	13.18	0.02	0.14	0.20	0.24
800	1.58	2.18	2.52	3.19	3.52	4.31	4.70	5.16	6.13	7.42	8.69	9.95	11.45	13.04	14.87	0.02	0.16	0.23	0.27
900	1.72	2.40	2.78	3.53	3.90	4.79	5.22	5.73	6.81	8.25	9.66	11.07	12.73	14.50	16.52	0.03	0.18	0.25	0.32
1000	1.89	2.64	3.05	3.86	4.27	5.25	5.73	6.30	7.49	9.07	10.63	12.16	13.99	15.93	18.13	0.03	0.20	0.28	0.35
1100	2.03	2.85	3.30	4.20	4.65	5.71	6.24	6.86	8.15	9.87	11.57	13.24	15.23	17.33	19.72	0.03	0.22	0.32	0.38
1200	2.18	3.07	3.55	4.53	5.02	6.16	6.73	7.39	8.81	10.66	12.50	14.30	16.43	18.70	21.25	0.04	0.24	0.34	0.42
1300	2.32	3.28	3.80	4.85	5.37	6.60	7.22	7.94	9.45	11.46	13.41	15.35	17.63	20.04	22.76	0.04	0.26	0.37	0.45
1400	2.46	3.48	4.04	5.17	5.72	7.05	7.71	8.46	10.09	12.22	14.31	16.37	18.80	21.36	24.23	0.04	0.28	0.40	0.48
1500	2.59	3.68	4.28	5.48	6.07	7.49	8.18	9.00	10.71	12.98	15.19	17.38	19.93	22.64	25.66	0.04	0.29	0.42	0.51
1600	2.72	3.89	4.53	5.79	6.42	7.92	8.65	9.51	11.34	13.72	16.07	18.38	21.05	23.89	27.05	0.05	0.32	0.45	0.56
1700	2.86	4.08	4.75	6.09	6.75	8.33	9.11	10.02	11.95	14.47	16.93	19.33	22.16	25.12	28.39	0.05	0.34	0.48	0.59
1800	2.98	4.27	4.98	6.38	7.10	8.75	9.58	10.52	12.55	15.18	17.77	20.29	23.23	26.29	29.68	0.05	0.36	0.50	0.62
1900	3.11	4.46	5.21	6.69	7.42	9.16	10.03	11.03	13.15	15.90	18.59	21.22	24.27	27.45	30.93	0.06	0.38	0.54	0.66
2000	3.22	4.65	5.43	6.98	7.75	9.57	10.47	11.52	13.72	16.59	19.40	22.12	25.27	28.55	32.13	0.06	0.40	0.57	0.69
2100	3.35	4.83	5.65	7.27	8.06	9.96	10.91	11.99	14.29	17.28	20.20	23.01	26.27	29.63	33.29	0.06	0.42	0.59	0.72
2200	3.47	5.02	5.86	7.55	8.38	10.35	11.34	12.47	14.86	17.97	20.97	23.88	27.23	30.67	34.39	0.06	0.44	0.62	0.77
2300	3.58	5.19	6.07	7.82	8.69	10.75	11.77	12.94	15.41	18.63	21.74	24.72	28.16	31.67	35.43	0.07	0.46	0.65	0.80
2400	3.70	5.37	6.29	8.11	9.00	11.14	12.18	13.41	15.96	19.28	22.48	25.56	29.05	32.62	36.41	0.07	0.47	0.68	0.83
2500	3.80	5.53	6.49	8.37	9.30	11.52	12.60	13.86	16.50	19.92	23.19	26.34	29.93	33.54	37.35	0.07	0.49	0.70	0.86
2600	3.91	5.71	6.69	8.64	9.60	11.89	13.00	14.30	17.02	20.54	23.90	27.13	30.75	34.41	38.22	0.08	0.51	0.74	0.90
2700	4.02	5.87	6.89	8.90	9.89	12.24	13.41	14.74	17.54	21.16	24.59	27.87	31.56	35.24	39.02	0.08	0.54	0.77	0.93
2800	4.12	6.04	7.08	9.16	10.19	12.61	13.80	15.17	18.06	21.75	25.26	28.60	32.33	36.03	39.76	0.08	0.56	0.79	0.97
2900	4.22	6.20	7.29	9.41	10.47	12.97	14.19	15.60	18.54	22.32	25.91	29.30	33.06	36.75	40.45	0.08	0.58	0.82	1.01
3000	4.33	6.35	7.48	9.66	10.75	13.30	14.56	16.01	19.04	22.89	26.54	29.98	33.77	37.43	41.07	0.09	0.60	0.85	1.04
3100	4.41	6.50	7.64	9.91	11.03	13.66	14.94	16.42	19.52	23.45	27.15	30.62	34.42	38.06	41.60	0.09	0.62	0.87	1.07
3200	4.52	6.66	7.83	10.15	11.30	13.99	15.31	16.82	19.98	23.99	27.74	31.25	35.05	38.66	42.07	0.09	0.64	0.90	1.10
3300	4.60	6.80	8.01	10.40	11.57	14.31	15.67	17.21	20.43	24.51	28.31	31.83	35.64	39.19	42.47	0.11	0.66	0.93	1.14
3400	4.68	6.95	8.19	10.63	11.82	14.64	16.01	17.60	20.87	25.01	28.86	32.39	36.17	39.65	42.79	0.11	0.67	0.96	1.18
3500	4.78	7.10	8.37	10.86	12.09	14.95	16.37	17.97	21.30	25.00	29.38	32.93	36.68	40.07	43.04	0.11	0.69	0.99	1.21
3600	4.86	7.23	8.53	11.08	12.34	15.27	16.71	18.34	21.74	25.98	29.88	33.43	37.13	40.44	43.21	0.12	0.71	1.02	1.25
3700	4.94	7.37	8.69	11.30	12.58	15.57	17.03	18.70	22.13	26.44	30.37	33.89	37.56	40.74	43.28	0.12	0.74	1.04	1.28
3800	5.03	7.51	8.86	11.52	12.81	15.88	17.35	19.05	22.54	26.88	30.82	34.34	37.93	40.97		0.12	0.76	1.07	1.31
3900	5.10	7.63	9.02	11.73	13.05	16.17	17.66	19.39	22.92	27.30	31.26	34.76	38.25	41.15		0.12	0.78	1.10	1.35
4000	5.18	7.76	9.18	11.93	13.29	16.44	17.98	19.72	23.30	27.71	31.67	35.11	38.55	41.27		0.13	0.80	1.13	1.39
4100	5.25	7.89	9.32	12.14	13.52	16.72	18.27	20.04	23.67	28.10	32.05	35.46	38.77	41.32		0.13	0.82	1.16	1.42
4200	5.31	8.01	9.47	12.34	13.73	16.99	18.56	20.35	24.00	28.47	32.39	35.76	38.96	41.31		0.13	0.84	1.19	1.45
4300	5.40	8.13	9.62	12.53	13.94	17.25	18.85	20.65	24.34	28.81	32.72	36.03	39.10			0.14	0.85	1.22	1.49
4400	5.46	8.24	9.77	12.72	14.16	17.51	19.13	20.96	24.65	29.15	33.02	36.27	39.19			0.14	0.87	1.24	1.52
4500	5.52	8.36	9.90	12.90	14.36	17.76	19.39	21.23	24.97	29.46	33.31	36.46	39.23			0.14	0.89	1.27	1.55
4600	5.59	8.46	10.03	13.08	14.56	18.28	19.65	21.50	25.26	29.75	33.56	36.61	39.21			0.14	0.91	1.30	1.60
4700	5.65	8.57	10.15	13.25	14.75	18.23	19.90	21.78	25.54	30.01	33.77	36.73				0.15	0.93	1.32	1.63
4800	5.69	8.67	10.29	13.42	14.94	18.46	20.14	22.03	25.82	30.26	33.96	36.81				0.15	0.96	1.35	1.66
4900	5.74	8.77	10.41	13.59	15.13	18.67	20.36	22.26	26.07	30.49	34.13	36.86				0.15	0.98	1.39	1.70
5000	5.80	8.87	10.53	13.74	15.30	18.89	20.59	22.49	26.29	30.69	34.25	36.86				0.16	1.00	1.41	1.73
5100	5.85	8.96	10.65	13.90	15.48	19.08	20.80	22.72	26.52	30.88	34.35	36.80				0.16	1.02	1.44	1.76
5200	5.90	9.05	10.76	14.05	15.63	19.28	21.00	22.93	26.72	31.05	34.41	36.73				0.16	1.03	1.47	1.80
5300	5.94	9.14	10.86	14.19	15.80	19.46	21.19	23.12	26.92	31.19	34.45					0.17	1.05	1.49	1.84
5400	5.99	9.22	10.96	14.32	15.95	19.64	21.38	23.31	27.10	31.31	34.46					0.17	1.07	1.52	1.87
5500	6.03	9.30	11.07	14.47	16.09	19.80	21.55	23.49	27.26	31.40	34.42					0.17	1.09	1.55	1.90
5600	6.06	9.38	11.16	14.60	16.23	19.96	21.71	23.65	27.41	31.48	34.36					0.17	1.11	1.59	1.94
5700	6.10	9.45	11.26	14.70	16.37	20.11	21.86	23.80	27.53	31.52	34.27					0.18	1.13	1.61	1.97
5800	6.12	9.51	11.34	14.83	16.50	20.27	22.01	23.94	27.65	31.54	34.15					0.18	1.16	1.64	2.01
5900	6.15	9.58	11.41	14.93	16.61	20.39	22.13	24.07	27.73	31.54						0.18	1.18	1.67	2.04
6000	6.17	9.64	11.49	15.04	16.72	20.52	22.26	24.18	27.80	31.51						0.19	1.20	1.69	2.08
6100	6.20	9.70	11.57	15.13	16.83	20.62	22.38	24.28	27.87	31.46						0.19	1.22	1.72	2.11
6200	6.23	9.75	11.64	15.24	16.93	20.73	22.48	24.38	27.91	31.37						0.19	1.23	1.75	2.14
6300	6.24	9.81	11.71	15.31	17.02	20.83	22.56	24.45	27.93	31.27						0.19	1.25	1.77	2.18
6400	6.25	9.85	11.77	15.39</															

POWER RATING

1.1.7 HIGH PERFORMANCE POWERPLUS EPDM MOULDED COGGED RAW EDGE NARROW V-BELTS

Section PP-XPB

Faster shaft speed	Rated power per belt for small pulley datum diameter [mm]												Additional power per belt for speed ratio				
	112	118	125	140	150	160	180	200	224	250	280	315	400	1.01-1.05	1.06-1.26	1.27-1.57	>1.57
r/min	kW												kW				
100	0,69	0,77	0,87	1,08	1,22	1,37	1,64	1,91	2,25	2,60	3,01	3,49	4,65	0,01	0,04	0,06	0,07
200	1,31	1,47	1,68	2,08	2,35	2,64	3,17	3,72	4,36	5,06	5,86	6,80	9,06	0,01	0,08	0,13	0,15
300	1,91	2,15	2,45	3,05	3,45	3,85	4,66	5,47	6,43	7,46	8,64	10,03	13,36	0,02	0,13	0,18	0,22
400	2,50	2,82	3,20	3,99	4,54	5,06	6,13	7,19	8,45	9,82	11,38	13,21	17,57	0,03	0,17	0,24	0,29
500	3,07	3,47	3,93	4,94	5,60	6,26	7,57	8,88	10,45	12,14	14,07	16,32	21,69	0,03	0,21	0,30	0,38
600	3,63	4,11	4,66	5,85	6,64	7,43	9,00	10,56	12,42	14,43	16,72	19,38	25,73	0,04	0,26	0,37	0,45
700	4,18	4,74	5,38	6,75	7,68	8,58	10,41	12,21	14,36	16,68	19,33	22,39	29,68	0,04	0,30	0,43	0,53
800	4,73	5,36	6,09	7,64	8,69	9,72	11,79	13,84	16,28	18,90	21,88	25,34	33,53	0,05	0,35	0,48	0,60
900	5,25	5,96	6,79	8,55	9,70	10,86	13,16	15,45	18,17	21,08	24,40	28,23	37,25	0,06	0,39	0,55	0,67
1000	5,79	6,56	7,48	9,41	10,70	11,97	14,51	17,03	20,02	23,24	26,89	31,07	40,89	0,06	0,43	0,61	0,75
1100	6,31	7,17	8,15	10,27	11,68	13,08	15,86	18,60	21,86	25,35	29,31	33,83	44,37	0,07	0,47	0,67	0,82
1200	6,83	7,75	8,83	11,13	12,65	14,16	17,16	20,14	23,67	27,42	31,68	36,53	47,73	0,08	0,51	0,74	0,89
1300	7,33	8,33	9,50	11,97	13,61	15,24	18,47	21,66	25,44	29,46	34,00	39,14	50,95	0,08	0,56	0,79	0,98
1400	7,83	8,90	10,15	12,80	14,55	16,30	19,74	23,16	27,17	31,45	36,25	41,70	54,00	0,09	0,60	0,85	1,05
1500	8,33	9,47	10,79	13,62	15,49	17,34	21,00	24,62	28,88	33,39	38,45	44,14	56,89	0,09	0,64	0,91	1,12
1600	8,82	10,03	11,45	14,43	16,40	18,38	22,25	26,07	30,56	35,29	40,58	46,50	59,61	0,11	0,68	0,98	1,20
1700	9,30	10,58	12,08	15,24	17,31	19,39	23,48	27,48	32,18	37,13	42,65	48,78	62,14	0,12	0,74	1,04	1,27
1800	9,78	11,13	12,68	16,01	18,21	20,39	24,68	28,86	33,78	38,93	44,65	50,96	64,47	0,12	0,78	1,10	1,34
1900	10,25	11,66	13,30	16,80	19,06	21,37	25,85	30,23	35,34	40,68	46,57	53,03	66,59	0,13	0,82	1,16	1,42
2000	10,70	12,18	13,91	17,57	19,96	22,34	27,01	31,56	36,86	42,36	45,26	54,99	68,50	0,14	0,86	1,22	1,49
2100	11,15	12,71	14,50	18,31	20,81	23,29	28,14	32,87	38,33	44,00	50,17	56,83	70,18	0,14	0,90	1,28	1,58
2200	11,60	13,22	15,10	19,05	21,65	24,21	29,24	34,13	39,75	45,56	51,85	58,55	71,62	0,15	0,95	1,34	1,65
2300	12,04	13,72	15,67	19,77	22,47	25,13	30,32	35,35	41,14	47,06	53,43	60,17	72,82	0,16	0,99	1,41	1,72
2400	12,47	14,22	16,23	20,49	23,27	26,02	31,37	36,54	42,46	48,50	54,94	61,64	73,75	0,16	1,03	1,46	1,80
2500	12,89	14,70	16,78	21,19	24,07	26,90	32,40	37,70	43,74	49,88	56,33	62,98	74,40	0,17	1,07	1,52	1,87
2600	13,30	15,17	17,34	21,87	24,83	27,74	33,40	38,82	44,98	51,17	57,63	64,18	74,78	0,17	1,11	1,59	1,94
2700	13,72	15,65	17,87	22,54	25,59	28,58	34,38	39,90	46,16	52,40	58,84	65,23		0,18	1,16	1,65	2,02
2800	14,12	16,11	18,39	23,19	26,33	29,40	35,32	40,95	47,27	53,54	59,93	66,14		0,19	1,21	1,71	2,09
2900	14,51	16,55	18,90	23,84	27,05	30,19	36,23	41,95	48,33	54,61	60,92	66,90		0,19	1,25	1,76	2,16
3000	14,89	16,99	19,40	24,47	27,74	30,94	37,11	42,90	49,34	55,59	61,79	67,48		0,20	1,29	1,83	2,25
3100	15,27	17,41	19,90	25,07	28,42	31,69	37,95	43,83	50,28	56,50	62,55	67,90		0,21	1,33	1,89	2,32
3200	15,63	17,83	20,37	25,66	29,09	32,40	38,77	44,69	51,16	57,32	63,18	68,16		0,21	1,38	1,95	2,39
3300	15,99	18,25	20,83	26,25	29,73	33,12	39,55	45,51	51,98	58,03	63,68	68,24		0,22	1,42	2,02	2,47
3400	16,33	18,64	21,28	26,80	30,35	33,78	40,30	46,28	52,73	58,67	64,07			0,23	1,46	2,07	2,54
3500	16,67	19,03	21,72	27,34	30,94	34,42	41,00	47,01	53,41	59,22	64,31			0,23	1,50	2,13	2,61
3600	17,00	19,40	22,16	27,86	31,51	35,04	41,66	47,69	54,01	59,66	64,43			0,24	1,54	2,19	2,69
3700	17,31	19,76	22,56	28,36	32,07	35,64	42,29	48,31	54,56	60,00	64,40			0,24	1,59	2,26	2,76
3800	17,63	20,11	22,95	28,85	32,59	36,18	42,89	48,88	55,01	60,24				0,25	1,63	2,32	2,85
3900	17,91	20,45	23,35	29,31	33,10	36,73	43,45	49,39	55,40	60,38				0,26	1,68	2,37	2,92
4000	18,21	20,78	23,71	29,76	33,58	37,23	43,96	49,85	55,71	60,42				0,26	1,72	2,44	2,99
4100	18,48	21,09	24,07	30,19	34,03	37,70	44,43	50,25	55,94	60,33				0,27	1,76	2,50	3,07
4200	18,75	21,40	24,40	30,60	34,47	38,16	44,86	50,60	56,09	60,14				0,28	1,81	2,56	3,14
4300	19,01	21,68	24,74	30,98	34,88	38,56	45,23	50,88	56,15					0,28	1,85	2,63	3,21
4400	19,24	21,97	25,05	31,33	35,26	38,94	45,57	51,10	56,14					0,29	1,89	2,69	3,29
4500	19,47	22,23	25,34	31,68	35,61	39,29	45,86	51,27	56,03					0,29	1,93	2,74	3,36
4600	19,68	22,47	25,62	31,99	35,93	39,62	46,12	51,37	55,84					0,30	1,97	2,80	3,44
4700	19,90	22,70	25,88	32,28	36,23	39,89	46,31	51,40						0,32	2,02	2,87	3,52
4800	20,09	22,92	26,12	32,56	36,49	40,14	46,45	51,36						0,32	2,06	2,93	3,59
4900	20,27	23,13	26,34	32,80	36,73	40,34	46,56	51,26						0,33	2,10	2,99	3,66
5000	20,43	23,32	26,57	33,02	36,94	40,52	46,61	51,09						0,34	2,15	3,05	3,74
5100	20,59	23,50	26,75	33,22	37,12	40,68	46,61	50,85						0,34	2,19	3,11	3,81
5200	20,73	23,65	26,92	33,39	37,28	40,77	46,55	50,54						0,35	2,24	3,17	3,89
5300	20,86	23,80	27,08	33,54	37,38	40,83	46,44							0,36	2,28	3,23	3,96
5400	20,98	23,93	27,22	33,66	37,47	40,87	46,28							0,36	2,32	3,30	4,03
5500	21,08	24,05	27,33	33,76	37,53	40,85	46,05							0,37	2,36	3,35	4,12
5600	21,17	24,13	27,43	33,82	37,55	40,80	45,78							0,37	2,40	3,41	4,19
5700	21,23	24,21	27,51	33,87	37,54	40,70	45,44							0,38	2,45	3,48	4,26
5800	21,29	24,28	27,57	33,88	37,49	40,57	45,06							0,39	2,49	3,54	4,34
5900	21,34	24,32	27,60	33,85	37,40	40,39								0,39	2,53	3,60	4,41
6000	21,37	24,34	27,62	33,82	37,29	40,17								0,40	2,57	3,65	4,48

POWER RATING

1.1.7 HIGH PERFORMANCE POWERPLUS EPDM MOULDED COGGED RAW EDGE NARROW V-BELTS

Section PP-XPC

Faster shaft speed	Rated power per belt for small pulley datum diameter [mm]											Additional power per belt for speed ratio				
	180	200	224	250	280	315	400	450	500	560	630	710	1.01-1.05	1.06-1.26	1.27-1.57	>1.57
r/min	kW											kW				
50	1,07	1,27	1,50	1,76	2,06	2,39	3,22	3,71	4,20	4,78	5,44	6,22	0,01	0,04	0,05	0,06
100	2,09	2,48	2,95	3,45	4,03	4,71	6,34	7,30	8,25	9,39	10,72	12,23	0,01	0,07	0,11	0,13
150	3,10	3,68	4,37	5,11	5,97	6,98	9,41	10,83	12,24	13,93	15,90	18,14	0,02	0,12	0,16	0,19
200	4,08	4,85	5,78	6,76	7,90	9,24	12,43	14,32	16,19	18,44	21,03	23,98	0,02	0,15	0,21	0,25
250	5,06	6,03	7,16	8,39	9,82	11,47	15,45	17,78	20,10	22,87	26,08	29,73	0,03	0,19	0,26	0,33
300	6,04	7,18	8,55	10,02	11,71	13,68	18,44	21,21	23,96	27,26	31,07	35,39	0,03	0,22	0,32	0,39
350	7,00	8,33	9,91	11,61	13,60	15,88	21,38	24,59	27,78	31,58	35,98	40,94	0,04	0,26	0,37	0,45
400	7,96	9,47	11,28	13,22	15,46	18,06	24,31	27,95	31,56	35,86	40,81	46,39	0,04	0,29	0,42	0,51
450	8,93	10,61	12,62	14,81	17,31	20,22	27,21	31,27	35,29	40,07	45,57	51,73	0,05	0,34	0,47	0,58
500	9,87	11,73	13,98	16,38	19,15	22,37	30,07	34,55	38,99	44,22	50,22	56,95	0,05	0,37	0,53	0,64
550	10,82	12,85	15,31	17,96	20,98	24,50	32,93	37,80	42,61	48,30	54,80	62,03	0,06	0,41	0,58	0,70
600	11,74	13,98	16,63	19,51	22,80	26,61	35,73	41,00	46,20	52,29	59,24	66,96	0,07	0,44	0,63	0,77
650	12,67	15,08	17,96	21,05	24,59	28,71	38,50	44,15	49,70	56,21	63,59	71,72	0,07	0,48	0,68	0,83
700	13,60	16,18	19,27	22,60	26,39	30,79	41,25	47,26	53,15	60,04	57,31	76,31	0,08	0,51	0,74	0,89
750	14,51	17,27	20,58	24,12	28,16	32,83	43,95	50,32	56,53	63,78	71,90	80,75	0,08	0,56	0,79	0,97
800	15,44	18,38	21,86	25,63	29,93	34,88	46,62	53,32	59,84	67,42	75,86	84,97	0,09	0,59	0,84	1,03
850	16,34	19,46	23,14	27,13	31,67	36,90	49,26	56,27	63,07	70,95	79,68	88,97	0,09	0,63	0,89	1,09
900	17,25	20,53	24,43	28,61	33,39	38,88	51,84	56,01	66,23	74,38	83,34	92,78	0,11	0,66	0,95	1,16
950	18,14	21,60	25,69	30,09	35,10	40,85	54,38	61,99	69,31	77,69	86,82	96,34	0,11	0,70	1,00	1,22
1000	19,04	22,66	26,95	31,55	36,79	42,80	56,88	64,75	72,31	80,88	90,15	99,68	0,12	0,74	1,05	1,28
1050	19,92	23,70	28,20	33,00	38,47	44,73	53,03	67,45	75,21	83,96	93,30	102,75	0,12	0,78	1,10	1,34
1100	20,80	24,75	29,43	34,44	40,13	46,62	61,72	70,08	78,00	86,89	96,27	105,57	0,13	0,81	1,16	1,41
1150	21,68	25,79	30,66	35,86	41,76	48,50	64,07	72,64	80,71	57,14	99,04	108,10	0,13	0,85	1,21	1,47
1200	22,55	26,82	31,88	36,78	43,39	50,34	66,35	75,12	83,31	92,34	101,61	110,36	0,14	0,88	1,26	1,54
1250	23,42	27,84	33,08	38,67	44,98	52,15	68,60	77,51	85,81	94,84	103,96	112,29	0,15	0,92	1,31	1,61
1300	24,27	28,85	34,27	40,05	46,56	53,94	70,77	79,83	88,20	97,19	106,09	113,93	0,15	0,96	1,35	1,67
1350	25,13	29,86	35,46	41,40	48,11	55,69	72,89	82,08	90,47	99,37	107,99	115,24	0,16	1,00	1,41	1,73
1400	25,97	30,86	36,62	42,76	49,64	57,41	74,95	84,22	92,61	101,39	109,67	116,21	0,16	1,03	1,46	1,80
1450	26,80	31,84	37,78	44,08	51,16	59,10	76,93	86,27	94,64	103,25	111,09	116,82	0,17	1,07	1,51	1,86
1500	27,64	32,81	38,92	45,38	52,65	60,77	78,87	88,24	96,53	104,91	112,27		0,17	1,10	1,56	1,92
1550	28,46	33,78	40,06	46,68	54,10	62,39	80,71	90,10	98,30	106,40	113,17		0,18	1,14	1,62	1,98
1600	29,27	34,73	41,18	47,95	55,52	63,99	82,51	91,86	99,93	107,69	113,82		0,18	1,18	1,67	2,05
1650	30,07	35,68	42,27	49,21	56,94	65,53	84,22	93,53	101,42	108,79	114,18		0,19	1,22	1,72	2,12
1700	30,87	36,62	43,37	50,45	58,33	67,05	85,86	95,08	102,76	109,68			0,19	1,25	1,77	2,18
1750	31,67	37,55	44,44	51,67	59,68	68,53	87,42	96,53	103,95	110,38			0,20	1,29	1,83	2,25
1800	32,45	38,47	45,50	52,87	61,01	69,97	88,89	97,86	105,00	110,84			0,21	1,32	1,88	2,31
1850	33,22	39,38	46,55	54,05	62,31	71,37	90,29	99,09	105,88	111,09			0,21	1,37	1,93	2,37
1900	34,00	40,27	47,58	55,20	63,58	72,72	91,61	100,19	106,61				0,22	1,40	1,98	2,44
1950	34,76	41,15	48,59	56,33	64,83	74,04	92,85	101,17	107,16				0,22	1,44	2,04	2,50
2000	35,49	42,02	49,59	57,46	66,03	75,31	93,99	102,02	107,55				0,23	1,47	2,09	2,56
2050	36,24	42,88	50,58	58,54	67,21	76,53	95,05	102,75	107,77				0,23	1,51	2,14	2,63
2100	36,97	43,72	51,53	59,61	68,36	77,72	96,00	103,36	107,79				0,24	1,54	2,19	2,69
2150	37,68	44,55	52,49	60,66	69,47	78,86	96,87	103,82					0,24	1,59	2,25	2,76
2200	38,41	45,38	53,41	61,68	70,55	79,94	97,64	104,15					0,25	1,62	2,30	2,82
2250	39,11	46,19	54,33	62,66	71,59	80,97	101,47	104,34					0,25	1,66	2,35	2,89
2300	39,81	46,99	55,23	63,63	72,60	81,96	98,89	104,38					0,26	1,69	2,40	2,95
2350	40,49	47,76	56,09	64,58	73,57	82,90	99,35						0,27	1,73	2,46	3,01
2400	41,16	48,53	56,95	65,50	74,52	82,95	83,78						0,27	1,76	2,51	3,08
2450	41,82	49,29	57,78	66,38	75,41	84,61	99,98						0,28	1,81	2,56	3,14
2500	42,47	50,02	58,60	67,24	76,27	85,39	100,12						0,28	1,84	2,61	3,20
2550	43,11	50,76	59,40	68,08	77,10	86,12	100,16						0,29	1,88	2,67	3,27
2600	43,74	51,46	60,18	68,88	77,88	86,79	100,09						0,29	1,91	2,72	3,34
2650	44,36	52,15	60,93	69,67	78,62	87,39							0,30	1,95	2,77	3,40
2700	44,98	52,84	61,67	70,41	79,33	87,95							0,30	1,98	2,82	3,47
2750	45,57	53,50	62,38	71,13	79,99	88,44							0,32	2,03	2,88	3,53
2800	46,16	54,16	63,06	71,82	80,60	88,88							0,32	2,06	2,93	3,59
2850	46,74	54,79	63,74	72,47	81,19	89,25							0,33	2,10	2,98	3,65
2900	47,30	55,40	64,39	73,10	81,71	89,57							0,33	2,14	3,03	3,72
2950	47,84	56,00	65,01	73,70	82,19	89,80							0,34	2,17	3,09	3,78
3000	48,38	56,58	65,59	74,26	82,64	89,99							0,35	2,22	3,14	3,84
3050	48,90	57,14	66,17	74,78	83,03	61,75							0,35	2,25	3,19	3,91
3100	49,41	57,70	66,73	75,27	83,37	90,15							0,36	2,29	3,24	3,98
3150	49,92	58,22	67,24	75,74	83,67	90,14							0,36	2,32	3,30	4,04
3200	50,40	58,74	67,75	76,17	83,93	90,05							0,37	2,36	3,35	4,11
3250	50,88	59,23	68,23	76,56	84,13	89,90							0,37	2,39	3,40	4,17
3300	51,33	59,71	68,67	76,91	84,28	89,67							0,38	2,44	3,45	4,23
3350	51,78	60,17	69,10	77,23	84,38								0,38	2,47	3,51	4,29
3400	52,21	60,61	69,49	77,51	84,43								0,39	2,51	3,56	4,36
3450	52,63	61,03	69,87	77,75	84,43								0,39	2,54	3,61	4,42
3500	53,03	61,43	70,20	77,95	84,38								0,40	2,58	3,66	4,48



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